



#5B Audt  
M/E M. Braunson

11/7/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: Cheng et al.

Attorney Docket No.: LSI1P184/01-695

Application No.: 09/996,118

Examiner: Rao, S.

Filed: 11/27/2001

Group: 2814

Title: Low Resistance Metal Interconnect Lines  
and a Process for Fabricating Them

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on October 25, 2002

Signed: \_\_\_\_\_

Tara Hayden

Amendment After Final

Commissioner for Patents  
Box AF  
Washington, D.C. 20231

Dear Sir:

This amendment and the enclosed remarks are submitted in response to the Final Office Action mailed August 27, 2002. Applicants respectfully request reconsideration of the captioned application in view of the following remarks and amendments.

In the Claims:

Please amend the claims as follows:

6. (Twice Amended) A method for fabricating low resistance interconnect lines in an integrated circuit, the method comprising the steps of:

patterning and etching a dielectric layer in an integrated circuit;

filling the etched areas of the dielectric layer with copper;

depositing aluminum on the copper;



AF  
PATENT 2814

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: C. C. Cheng, et al.

Attorney Docket No.: 01-69586-SIIP184

Application No.: 09/996,118

Examiner: Rao, S. H.

Filed: 27 November 2001

Group: 2814

Title: Low Resistance Metal Interconnect Lines  
And A Process For Fabricating Them

**CERTIFICATE OF MAILING**

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Signed: \_\_\_\_\_

Tara Hayden

**AMENDMENT TRANSMITTAL**

Commissioner for Patents  
Washington, DC 20231

Sir:

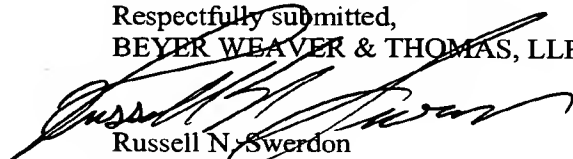
Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	04	MINUS	20	00	x 9 =	x 18 = 00
Independent Claims	01	MINUS	03	00	x 42 =	x 84 = 00
Multiple Dependent Claim Present and Fee Not Previously Paid					\$140.00	\$280.00
Total					\$	\$00

- ☐ Applicant(s) hereby petition for a \_\_\_\_\_ month extension(s) of time to respond to the aforementioned Office Action.
- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 500388.
- ☐ Enclosed is our Check No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the additional claim fee and/or extension of time fees.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 500388 (Order No. LSIIP184).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

  
Russell N. Swerdon  
Reg. No. 36,943

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